



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MASIMO.056DC1APPLICATION NO.
09/547,588INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Diab et al.FILING DATE
April 11, 2000GROUP
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	Re. 35,122	12/19/95	Corenman et al.			
	3,647,299	03/07/72	Lavallee			
	3,704,706	12/05/72	Herczfeld et al.			
	4,063,551	12/20/77	Sweeney			
	4,086,915	05/02/78	Kofsky et al.			
	4,095,117	06/13/78	Nagy			
	4,129,124	12/12/78	Thalmann			
	4,308,456	12/29/81	Van Der Gaag et al.			
	4,407,290	10/04/83	Wilber			
	4,537,200	08/27/85	Widrow			
	4,649,505	03/10/87	Zinser, Jr. et al.			
	4,660,151	04/21/87	Chipman et al.			
	4,773,422	09/27/88	Isaacson et al.			
	4,793,361	12/27/88	DuFault			
	4,799,493	01/24/89	DuFault			
	4,800,495	01/24/89	Smith			
	4,802,486	02/07/89	Goodman et al.			
	4,824,242	04/25/89	Frick et al.			
	4,846,183	07/11/89	Martin			
	4,848,901	07/18/89	Hood, Jr.			
	4,854,699	08/08/89	Edgar, Jr.			
	4,859,057	08/22/89	Taylor et al.			

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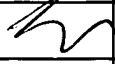

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	4,860,759	08/29/89	Kahn et al.			
	4,863,265	09/05/89	Flower et al.			
	4,867,571	09/19/89	Frick et al.			
	4,869,253	09/26/89	Craig, Jr. et al.			
	4,869,254	09/26/89	Stone et al.			
	4,883,353	11/28/89	Hausman et al.			
	4,892,101	01/09/90	Cheung et al.			
	4,907,594	03/13/90	Muz			
	4,911,167	03/27/90	Corenman et al.			
	4,927,264	05/22/90	Shiga et al.			
	4,928,692	05/29/90	Goodman et al.			
	4,934,372	06/19/90	Corenman et al.			
	4,948,248	08/14/90	Lehman			
	4,955,379	09/11/90	Hall			
	4,956,867	09/11/90	Zurek et al.			
	5,003,977	04/02/91	Suzuki et al.			
	5,057,695	10/15/91	Hirao et al.			
	5,190,047	03/02/93	Odagiri et al.			
	5,273,036	12/28/93	Kronberg et al.			
	5,297,548	03/29/94	Pologe			
	5,308,919	05/03/94	Minnich			
	5,349,952	09/27/94	McCarthy et al.			
	5,398,680	03/21/95	Polson et al.			

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	5,458,128	10/17/95	Polanyi et al.			
	5,490,505	02/13/96	Diab et al.			
	5,515,169	05/07/96	Cargill et al.			
	5,588,427	12/31/96	Tien			
	5,632,272	05/27/97	Diab et al.			
	5,738,104	04/14/98	Lo et al.			
	5,704,365	01/98	Albrecht et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0102816	03/14/84	Europe				
	0329196	08/23/89	Europe				
	WO9409698	05/11/94	PCT				
	EP0743042	11/20/96	Europe				
	EP0744154	11/27/96	Europe				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	1	Widrow, Bernard et al., Chapter 2: "The Adaptive Linear Combiner", <u>Adaptive Signal Processing</u> , Prentice-Hall, Inc., pp. 15-26, 1985.
	2	Widrow, Bernard et al., Chapter 12: "Adaptive Interference Canceling", <u>Adaptive Signal Processing</u> , Prentice-Hall, Inc., pp. 302-367, 1985.
	3	Tremper, Kevin K. et al., "Pulse Oximetry: Technical Aspects of Machine Design" by Jonas A. Pologe, <u>Advances in Oxygen Monitoring</u> , Little, Brown and Company, 1987, pp. 137-153.

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| 5 | 4 | Klimasauskas, Casey, "Neural Nets and Noise Filtering" Article, <i>Dr. Dobb's Journal</i> , January 1989, pp. 32-34, 36-38, 42, 47, 49, 96, 98, 100. |
| | 5 | Neuman, Michael R., "Pulse Oximetry: Physical Principles, Technical Realization and Present Limitations", <u>Continuous Transcutaneous Monitoring</u> , Plenum Press, New York, 1987, pp. 135-144. |
| | 6 | Severinghaus, John W. M.D., "Pulse Oximetry Uses and Limitations", ASA Convention 1989, New Orleans. |
| | 7 | Cohen, Arnon Ph.D., "Volume I: Time and Frequency Domains Analysis", <u>Biomedical Signal Processing</u> , CRC Press, Inc., pp. 152-159. |
| | 8 | Harris, Fred et al., "Digital Signal Processing With Efficient Polyphase Recursive All-Pass Filters" Article, Presented at International Conference on Signal Processing Florence, Italy, Sept. 4-6, 1991. |
| | 9 | Rabiner, Lawrence R. et al., "Theory and Approximation of Infinite Impulse Response Digital Filters", Prentice Hall Inc., Englewood Cliffs, NJ, 1975, p. 260. |
| | 10 | Mook, G.A. et al., "Spectrophotometric determination of oxygen saturation of blood independent of the presence of indocyanine green", <u>Cardiovascular Research</u> , Volume 13, 1979, pp. 233-237. |
| | 11 | Melnikof, Steve, "Neural Networks for Signal Processing: A Case Study" Article, <i>Dr. Dobb's Journal</i> , January 1989, pp. 36-37. |
| | 12 | Mook, G.A. et al., "Wavelength dependency of the spectrophotometric determination of blood oxygen saturation", <u>Clinical Chemistry Acta</u> , Volume 26, 1969, pp. 170-173. |
| h | 13 | Brown, David P., "Evaluation of Pulse Oximeters using Theoretical Models and Experimental Studies" Masters Thesis, University of Washington, 1987. |
| | 14 | Haykin, Simon, Adaptive Filter Theory, Prentice Hall, Englewood Cliffs, NJ, 1985. |
| | 15 | Widrow, Bernard, Adaptive Signal Processing, Prentice Hall, Englewood Cliffs, NJ, 1985. |
| h | 16 | Haykin, Simon, Adaptive Filter Theory, Prentice Hall, Englewood Cliffs, NJ, Chapter 9, "Recursive Least-Squares Lattice Filters," pp. 451-493, 1985. |
| h | 17 | Widrow, Bernard, Adaptive Signal Processing, Prentice Hall, Englewood Cliffs, NJ, Chapter 1, "Adaptive Systems," pp. 3-13, 1985. |

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1/10/02

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